

1. A process for forming a pattern of fluorescent substance into the cell of a fluorescent substance display substrate, wherein a resin composition (A) layer, comprising an acrylic polymer (a) having a weight average molecular weight of 10000 to 300000 and an acid number of 80 to 250 mgKOH/g and a fluorescent substance (b), and a photosensitive resin composition (B) layer are formed inside the cell, and then they are exposed, developed and baked.

1 2. The process for forming a pattern of fluorescent
2 substance of Claim 1, wherein a glass transition temperature Tg of the
3 acrylic polymer (a) is below 30°C.

1 3. The process for forming a pattern of fluorescent
2 substance of Claim 1, wherein the glass transition temperature Tg of the
3 acrylic polymer (a) is not less than 30°C and the resin composition (A)
4 contains an organic compound (c) having viscosity of 5-15000 mPa · sec
5 at 20°C.

1 4. The process for forming a pattern of fluorescent
2 substance of Claim 3, wherein the resin composition (A) contains an
3 organic compound (c) having viscosity of 5-15000 mPa · sec at 20°C and
4 a polymerization inhibitor (d).

1 5. The process for forming a pattern of fluorescent
2 substance of Claim 3, wherein the organic compound (c) is a polyhydric

3 alcohol compound.

1 6. The process for forming a pattern of fluorescent
2 substance of Claim 3, wherein the organic compound (c) is a compound
3 containing at least one ethylenically unsaturated group, and the resin
4 composition (A) contains a polymerization inhibitor (d).

1 7. The process for forming a pattern of fluorescent
2 substance of Claim 1, wherein the resin composition (A) contains a photo
3 polymerization initiator and/or a photo polymerization initiator
4 assistant (e).

1 8. The process for forming a pattern of fluorescent
2 substance of Claim 1, wherein the photosensitive resin composition (B)
3 layer is formed in the cell after the resin composition (A) layer is formed.

1 9. A plasma display panel, wherein a pattern of fluorescent
2 substance is formed in the cell by the process for forming a pattern of
3 fluorescent substance of Claim 1.

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add
B37

add
C27

add
K47